









| EQUIPMENT No. 51408    |                   |                    |      |      |                  |      |      |                        |       |      |      | LETTER                       | "e" ✓                  | ANCHORS. |  |             |
|------------------------|-------------------|--------------------|------|------|------------------|------|------|------------------------|-------|------|------|------------------------------|------------------------|----------|--|-------------|
| Number of Certificate. | Anchor.           | WEIGHT, EX. STOCK. |      |      | WEIGHT OF STOCK. |      |      | TEST, PER CERTIFICATE. |       |      |      | WEIGHT REQUIRED BY TABLE 53. | Description of Anchor. | Makers.  | Where and when tested, and Superintendent. |             |
|                        |                   | Cwts.              | qrs. | lbs. | Cwts.            | qrs. | lbs. | Tons.                  | cwts. | qrs. | lbs. | Cwts.                        |                        |          |  |             |
| 31363                  | 1st Bower         | 81                 | 3    | 21 ✓ |                  |      |      | 59                     | 10    | 0    | 0 ✓  |                              | -Stockless             | -W.L.    | LPH-LW                                     |             |
| 31362                  | 2nd "             | 81                 | 2    | 14 ✓ |                  |      |      | 59                     | 10    | 0    | 0 ✓  |                              | Byers Impr.            | Byers &  | 3.51                                       | R.J.Vogan ✓ |
| 31418                  | 3rd "             | 81                 | 0    | 7 ✓  |                  |      |      | 59                     | 10    | 0    | 0 ✓  |                              | Cast Stl. Head         | Co. Ld.  | 3.51                                       | "- ✓        |
|                        | Collective weight | 244                | 2    | 14 ✓ |                  |      |      |                        |       |      |      | 244-2-0 ✓                    |                        |          | 3.51                                       | "- ✓        |
| 31768                  | Stream            | 25                 | 3    | 7 ✓  | 6                | 2    | 21 ✓ | 25                     | 10    | 1    | 7    | 25-0-0 ✓                     | Rodgers type. EW       | -        | LPH-LW                                     |             |
|                        |                   |                    |      |      |                  |      |      |                        |       |      |      |                              | Steel stock            | -        | 8.51                                       | "- ✓        |

| CHAIN CABLES.          |                           |       |                       |             |                        |      |           |         |                               | HAWSERS AND WARPS. |              |                   |  |                             |                           |          |                              |                               |       |         |      |       |       |
|------------------------|---------------------------|-------|-----------------------|-------------|------------------------|------|-----------|---------|-------------------------------|--------------------|--------------|-------------------|--|-----------------------------|---------------------------|----------|------------------------------|-------------------------------|-------|---------|------|-------|-------|
| Number of Certificate. | Length and size supplied. |       | Test per Certificate. |             | WEIGHT OF CHAIN CABLE. |      |           |         | Length and Size per Table 53. |                    | Description. | Makers of Cables. | Where and when tested, and Superintendent. | Material.                   | Length and Size supplied. |          | Breaking Test of Steel Wire. | Length and Size per Table 53. |       |         |      |       |       |
|                        | Length.                   | Diam. | Statu- tory.          | Break- ing. | Supplied.              |      | Per Rule. | Length. | Diam.                         | Length.            |              |                   |  |                             | Cir.                      | Fathoms. |                              | Ins.                          | Tons. | Length. | Cir. |       |       |
|                        | Meters.                   | Ins.  | mm.                   | mm.         | Cwts.                  | qrs. | lbs.      | Cwts.   | Meters.                       | Ins.               |              |                   |  |                             |                           |          |                              |                               |       |         |      |       |       |
| 3051                   | 54.64                     | 2 1/4 | ✓                     | ✓           | 860:0:0                |      |           | 757:2:0 | 550                           | 2 1/4              | ✓            | Stud link         | Ramnäs Bruks AB.                           | Makers' Work 4.5.51/17.4.51 | TOWLINE                   | 240      | 5 1/2                        | ✓                             | 84.4  | ✓       | 240  | 5 1/2 | ✓     |
| 3037                   | 4.6                       | 1 1/4 | ✓                     | ✓           |                        |      |           |         |                               |                    |              | Spec. Ramnäs      | T. Bülow                                   |                             |                           | 4x       | ✓                            | ✓                             | ✓     | 4x      | ✓    | ✓     | 3 3/4 |
|                        | 129540                    |       |                       |             |                        |      |           |         |                               |                    |              |                   |  |                             | HAWSERS & WARPS }         | 185      | 3                            |                               | 25.7  |         | 185  | 2 3/4 |       |
|                        | 181356                    |       |                       |             |                        |      |           |         |                               |                    |              |                   |  |                             |                           |          |                              |                               |       |         |      |       |       |
|                        | 220                       | 4 3/4 | ✓                     | ✓           |                        |      |           |         | 220                           | 4 3/4              | ✓            | Galv. Steel wire  | -  | -                           | "                         |          |                              |                               |       |         |      |       |       |
|                        |                           |       |                       |             |                        |      |           |         |                               |                    |              |                   |  |                             | "                         |          |                              |                               |       |         |      |       |       |
|                        |                           |       |                       |             |                        |      |           |         |                               |                    |              |                   |  |                             | "                         |          |                              |                               |       |         |      |       |       |

Steering Gear, Type (Power ~~Electric~~) 1 Electric; Makers ASEA.
Alternative Means of Steering Standby motor
Steam; Makers
Helsingborgs Varfs AB
Boats 4 (2 motor driven)

Steering Chains (Size and Test)
Windlass

Ceiling in Holds, thickness and material
Cargo t.: Stl.coam.800 mm.high, 10 mm.thick.
12,5 mm. steel covers

Cargo Hatchways.-(Upper Deck) Dry cargo hold: D:o 800mm. 7/16"
Thickness of Hatches 10 mm.

Tanks: Dry cargo hold:
Size of Hatchways No. 1 (Dead) 1450x730 No. 2 3900x3415 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters

Builder's Signature
ÖRESUNDSVARVET AKTIEBOLAG
T. Karlsson

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel. Motor ship
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo. Oil Tanker
The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters.
The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded.
All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with or by standards equivalent to the Rule requirements.
The plans of midship section and profile and decks showing the ship as built now forwarded herewith have been checked with the approved arrangements and found in order.
The workmanship and materials are good.
All cargo oil tanks, cofferdams, peak tanks, deep tanks forward, crossbunker tanks, double bottom tanks in engine space, daily service tanks and fresh water tanks have been tested as required by the Rules and found satisfactory.
The weather decks and watertight bulkheads clear of tanks and cofferdams have been hose-tested.
The windlass and steering gear have been tested and found in order.
The freeboard markings have been verified and cut in on the vessel's sides.
Oil is carried as fuel in double bottom tanks, crossbunker tanks and deep tanks forward.
The flash point of the oil fuel above 150° F.

The amount of Entry Fee Kr. 720:-
Special Survey Fee Kr. 24375:-
Travelling Expenses, if any Kr. 461:20
Fees applied for, 29/11 19 51
Received by me, - 19

State whether the Vessel has been built under Special Survey Yes
Certificate to be sent to Helsingborg Office
Date of issue 28/1/52

I am of opinion the Vessel should be Classed \* 100 A 1
Carrying Petroleum in bulk.
Signature Frank J. ...
Surveyor to Lloyd's Register of Shipping

Committee's Minute
Character assigned
+100A1 Carrying Petroleum in bulk.
11.51 Hbg.
Lloyd's A+CP
+LMC 11.51 Oil Eng.
C.L.
2 DB 150 lb.
note for SRL

FRI. 4 JAN 1952

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GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

SISTER VESSEL: M/T "VESTAN", Yard No.110, Helsingborg FE rpt.No.2100 of the 21st March, 1951.

AS BUILT PLANS (forwarded herewith):

Midship section

Longitudinal section and plans.

APPROVED PLANS (forwarded herewith):

1. Midship section
2. Longitudinal section & plans
3. Shell expansion
4. Frame expansion
5. Fore peak
6. After peak
7. Sternpost
8. Rudder
9. ER. Tanktop and motor seating
10. Floors in ER and deep tank aft.
11. Stringer "E" in Engine Room
12. Stringers in deep tanks. Daily tanks.
13. Deep tank and dry cargo hold
14. Longit.b'hd in deep tank aft.
15. O.T.bulkhead I
16. O.T.bulkhead II
17. Longitudinal bulkhead I
18. Longitudinal bulkhead II
19. Web frs 24 & 29 in ER.
20. O.T.bulkhead frame No.40
21. B'hd fr.No.52 and 850 mm.fwd Fr.52 in side t. p. & s.
22. O.T.bulkhead frame No.39
23. O.T.bulkheads frame No.38 and No."A"
24. Wash bulkhead
25. Webs in CL - fwd part
26. Webs in CL - aft part
27. Transv.webs in side t. Fr.44,45,65,67 & 68
28. " " " " " Fr.41 & 42
29. " " " " " "
30. Web fr.No.34
31. Boiler seatings and web Fr.No.15
32. Connection of longit.frame No.23 to bh'd fr.No.52
33. Pump room midships
34. Poop deck
35. Poop bulkhead
36. W.T.hatch to dry cargo hold
37. Bridge deck & deck house on main deck
38. Acc.bh'd on main deck amidships
39. Deck house on bridge deck and front bulkhead.
40. " " aft on poop deck
41. Engine casing.

PARTICULARS OF ELECTRIC WELDING (if employed) Electrically welded as per approved plans.

ELECTRODES used: OK 48 P, OK 49 P and Z 2 P.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Carrying Petroleum in bulk. Longitudinal framing.

Electrically welded. Cruiser stern. Mchv. aft.

D.F. E.S.D. GyC. Radar.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. Model CR-103, Ser. 51215

State } Maker Radiomarine Corporation of  
Name } and/or  
of } Supplier Amercia.

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

|           |      |         |     |          |         |       |         |
|-----------|------|---------|-----|----------|---------|-------|---------|
| 1st Bower | HEAD | LR 1921 | ABG | 17.11.50 | 46:2:4  | SHANK | 30:0:7  |
| 2nd       | "    | IR 2018 | ABG | 29.12.50 | 46:0:23 |       | 30:0:14 |
| 3rd       | "    | IR 1967 | ABG | 5.12.50  | 46:2:14 |       | 29:1:0  |

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 105.0 ft., R.Q.D. — ft., Bridge 38.0 ft., Forecastle 67.0 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 9 2 9 4 Signal Letters S H X N Extreme Breadth over Belting (Circ. 1611) — Over-all Length 514.2' (Circ. 1703)

No. and Material of Decks 1 deck (Steel)

Parts of Bottom of Vessel coated with cement or approved composition Fore peak tank and after peak tank.

Particulars of composition (if fitted) and of approval —

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

| Where Fitted.                              | Length. | Water Capacity. | Where Fitted.   | Length. | Water Capacity. |
|--|---------|-----------------|---|---------|-----------------|
|  | Feet.   | Tons.           |   | Feet.   | Tons.           |
| Double bottom, aft,                        | 75.3    | 249             | Fore peak tank,                                       |         | 145             |
| Double bottom, under Engines and Boilers,  |         |                 | After peak tank,                                      |         | 120             |
| Double bottom, if under Engines only,      |         |                 | Deep tank, aft,                                       | 8.3     | 338             |
| Double bottom, if under Boilers only,      |         |                 | Deep tank, forward,                                   | 31.5    | 578             |
| Double bottom, forward,                    |         |                 | Other tanks, if fitted,                               |         |                 |
| Total length (if continuous) and Capacity. | 75.3    | 249             | (If necessary furnish further information by sketch.) |         |                 |

Order for Special Survey No. 83

Date 21.6.48

Dates of Surveys held while building

On stock: 1950 Nov.30. Dec.7,18. 1951 Mar.5,5,9,16. Apr.5,11,13,17,26. May 7,18,24,28. June 7,15,19,25,27,28. July 5,9,11,14,19. Aug.8,11,17,20,21.  
In shop: 1951 Febr.23. Aug.15. Sept.3.  
Afloat: 1951 Aug.24,27. Sept.3,7,11,12,19,21,24,26,28. Oct.1,3,5,8,9,11,15,16,17,19,22,25. Nov.6,8,12,13,14,15.  
Dock: 1951 Oct.29,30,31. Nov.1,2,3,5.

Total No. of Visits 71

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No 3.S.O.F. available.